

Exploring Meteorite Mysteries Education Resources

Meteorite Resources

Teacher's Guide:

The following companion volume is available from NASA Educator Resource Centers or NASA Central Operation of Resources for Educators: *Exploring the Moon*, G. Jeffrey Taylor et al, 1994, NASA EP-306.

Video:

Meteorites-Vol. 1: Menace from the Sky. Vol. 2: Witnesses from Beyond the Times, Austrian Broadcasting Corporation, 1993, 84 minutes. Atlas Video, Inc. Bethesda, Maryland.

Slides:

Accompanying *Exploring Meteorite Mysteries* slide set is available from NASA CORE. *Terrestrial Impact Craters*, set of 26 slides with guide and *A Spacecraft Tour of the Solar System*, 40 slides with guide.

Lunar Planetary Institute
3600 Bay Area Boulevard
Houston, Texas 77058-2186
281-486-2172 or FAX 281-486-2186

Posters:

Meteorites Poster (#328)

The Planetary Society
Sales Department
65 North Catalina Avenue
Pasadena, California 91106-2301

Comet Chart (#31-0) and *Cosmic Catastrophies* (#46-9)

Hansen Planetarium Publications
1845 South 300 West, #A
Salt Lake City, Utah 84115-1804
1-800-321-2369

Web Sites:

<http://www-curator.jsc.nasa.gov/curator/curator.htm>
<http://www-curator.jsc.nasa.gov/curator/antmet/antmet.htm>
<http://www-sn.jsc.nasa.gov>
<http://www.jsc.nasa.gov/pao/educators/>
<http://www.ewu.edu/CNRU/Dept/Antsci/geol/ANSMET/ANSMET.htm>
<http://hurlbut.jhuapl.edu/NEAR/>
<http://pdcsrva.jpl.nasa.gov/stardust/home.html>
<http://nssdc.gsfc.gov/planetary/planets/asteroidpage.html>

Bibliography

Children's Books:

Asteroids, Comets and Meteors, Gregory L. Vogt, 1996, Millbrook Press, 32 p.
Comets and Meteors, Isaac Asimov, 1990, Dell Publishing, 32 p.
Magical, Mysterious Meteorites, Madelyn Wood Carlisle, 1992, Barron's Educational Series Inc., 32p.

Introductory Book:

Meteorites: The Key to Our Existence, Robert Hutchison and Andrew Graham, 1992, Natural History Museum Pub. 60p.

In Depth Books:

Rocks from Space, O. Richard Norton, 1994, Mountain Press, 449p.
Thunderstones and Shooting Stars: The Meaning of Meteorites, Robert T. Dodd, 1986, Harvard University Press, 196p.
Meteorites and Their Parent Planets, Harry Y. McSween, Jr., 1987, Cambridge University Press, 236p.

NASA Resources for Educators

NASA's Central Operation of Resources for Educators (CORE) was established for the national and international distribution of NASA-produced educational materials in audiovisual format. Educators can obtain a catalogue and an order form by one of the following methods:

- **NASA CORE**
Lorain County Joint Vocational School
15181 Route 58 South
Oberlin, OH 44074
- Phone (440) 774-1051, Ext. 249 or 293
- Fax (440) 774-2144
- E-mail nasaco@leeca8.leeca.ohio.gov
- Home Page: <http://spacelink.nasa.gov/CORE>

Educator Resource Center Network

To make additional information available to the education community, the NASA Education Division has created the NASA Educator Resource Center (ERC) network. ERCs contain a wealth of information for educators: publications, reference books, slide sets, audio cassettes, videotapes, telelecture programs, computer programs, lesson plans, and teacher guides with activities. Educators may preview, copy, or receive NASA materials at these sites. Because each NASA Field Center has its own areas of expertise, no two ERCs are exactly alike. Phone calls are welcome if you are unable to visit the ERC that serves your geographic area. A list of the centers and the regions they serve includes:

AK, AZ, CA, HI, ID, MT, NV, OR, UT, WA, WY
NASA Educator Resource Center
Mail Stop 253-2
NASA Ames Research Center
Moffett Field, CA 94035-1000
Phone: (415) 604-3574

AL, AR, M, LA, MO, TN
U.S. Space and Rocket Center
NASA Educator Resource Center
NASA Marshall Space Flight Center
P.O. Box 070015 Huntsville, AL 35807-7015
Phone: (205) 544-5812

CT, DE, DC, ME, MD, MA, NH, NJ, NY, PA, RI, VT
NASA Educator Resource Laboratory
Mail Code 130.3
NASA Goddard Space Flight Center
Greenbelt, MD 20771-0001
Phone: (301) 286-8570

CO, KS, NE, NM, ND, OK, SD, TX
JSC Educator Resource Center
Space Center Houston
NASA Johnson Space Center
1601 NASA Road One
Houston, TX 77058-3696
Phone: (281) 478-8696

FL, GA, PR, VI
NASA Educator Resource Laboratory
Mail Code ERL
NASA Kennedy Space Center
Kennedy Space Center, FL 32899-0001
Phone: (407) 867-4090

MS
NASA Educator Resource Center
Building 1200
NASA John C. Stennis Space Center
Stennis Space Center, MS 39529-8000
Phone: (601) 688-3338

NASA Educator Resource Center
JPL Educational Outreach
Mail Stop CS-530
NASA Jet Propulsion Laboratory
4800 Oak Grove Drive
Pasadena, CA 91109-8099
Phone: (818) 354-6916

CA cities near the center
NASA Educator Resource Center for
NASA Dryden Flight Research Center
45108 N. 3rd. Street East
Lancaster, CA 93535
Phone: (805) 948-7347

KY, NC, SC, VA, WV
Virginia Air and Space Museum
NASA Educator Resource Center for
NASA Langley Research Center
600 Settlers Landing Road
Hampton, VA 23669-4033
Phone: (757) 727-0900 x 757

VA and MD's Eastern Shores
NASA Educator Resource Lab Education
Complex - Visitor Center Building J-1
NASA Wallops Flight Facility
Wallops Island, VA 23337-5099
Phone: (757) 824-2297/2298

IL, IN, MI, MN, OH, WI
NASA Educator Resource Center
Mail Stop 8-1
NASA Lewis Research Center
21000 Brookpark Road
Cleveland, OH 44135-3191
Phone: (216) 433-2017

Regional Educator Resource Centers (RERCs) offer more educators access to NASA educational materials. NASA has formed partnerships with universities, museums, and other educational institutions to serve as RERCs in many states. A complete list of RERCs is available through CORE, or electronically via NASA Spacelink.

NASA On-line Resources for Educators provide current educational information and instructional resource materials to teachers, faculty, and students. A wide range of information is available, including science, mathematics, engineering, and technology education lesson plans, historical information related to the aeronautics and space program, current status reports on NASA projects, news releases, information on NASA educational programs, useful software and graphics files. Educators and students can also use NASA resources as learning tools to explore the Internet, accessing information about educational grants, interacting with other schools which are already on-line, and participating in on-line interactive projects, communicating with NASA scientists, engineers, and other team members to experience the excitement of real NASA projects.

Access these resources through the NASA Education Home Page:
<http://www.hq.nasa.gov/education>
or, for more information send an e-mail to:
comments@spacelink.msfc.nasa.gov

NASA Television (NTV) is the Agency's distribution system for live and taped programs. It offers the public a front-row seat for launches and missions, as well as informational and educational programming, historical documentaries, and updates on the latest developments in aeronautics and space science. NTV is transmitted on the GE-2 satellite, Transponder 9C at 85 degrees West longitude, vertical polarization, with a frequency of 3880 megahertz, and audio of 6.8 megahertz.

Apart from live mission coverage, regular NASA Television programming includes a News Video File from noon to 1:00 pm, a NASA History File from 1:00 to 2:00 pm, and an Education File from 2:00 to 3:00 pm (all times Eastern). This sequence is repeated at 3:00 pm, 6:00 pm, and 9:00 pm, Monday through Friday. The NTV Education File features programming for teachers and students on science, mathematics, and technology. NASA Television programming may be videotaped for later use.

For more information on NASA Television, contact:
NASA Headquarters, Code P-2, NASA TV, Washington, DC 20546-0001 Phone: (202) 358-3572
Home Page: <http://www.hq.nasa.gov/office/pao/ntv.html>

How to Access NASA's Education Materials and Services, EP-1996-11-345-HQ This brochure serves as a guide to accessing a variety of NASA materials and services for educators. Copies are available through the ERC network, or electronically via NASA Spacelink. NASA Spacelink can be accessed at the following address: <http://spacelink.nasa.gov>.

